A2575-1

American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

STATISTICS DEPARTMENT
VOL. 67 For Week Ended December 19, 1986 NO. 51

SUMMARY

(In Thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 12/19/86	Last Week Ending: 12/12/86	Last Year Week Ending: 12/20/85	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	13,146	12,907	12,790	239	356
Operable capacity	15,594	15,594	15,638	0	-44
Percent operated	84.3	82.8	81.8		
Motor Gasoline					
Total motor gasoline production	7,127	6,786	6,591	341	536
Finished leaded motor gasoline production	2,069	1,914	2,125	155	-56
Finished unleaded motor gasoline production	5,058	4,872	4,466	186	592
Total motor gasoline stocks	227,893	228,475	221,697	-582	6,196
Finished leaded motor gasoline stocks	65,568	65,773	76,326	-205	-10,758
Finished unleaded motor gasoline stocks	125,587	124,038	110,385	1,549	15,202
Jet Fuel Kerosine					
Jet fuel kerosine production	1,227	1,152	1,007	75	220
Jet fuel kerosine stocks	41,734	42,638	36,363	-904	5,371
Distillate Fuel Oil					
Distillate fuel oil production	3,095	2,908	3,035	187	60
Distillate fuel oil stocks	152,439	153,426	140,966	-987	11,473
Residual Fuel Oil					
Residual fuel oil production	1,025	1,007	981	18	44
Residual fuel oil stocks	44,533	44,601	46,774	-68	-2,241
Imports					
Crude oil imports	4,153	5,042	3,309	-889	844
Product imports	2,275	1,764	2,449	511	-174
Crude Oil Stocks					
Crude oil stocks	341,298	345,877	320,566	-4,579	20,732

Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 289-6949.

American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

STATISTICS DEPARTMENT
VOL. 67 For Week Ended December 19, 1986 NO. 51

U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,334	1,124	1,134	1,346	84.2
Appal. No. 1	103	93	94	108	87.0
DISTRICT 1 TOTAL	1,437	1,217	1,228	1,454	84.5
Appal. No. 2	68	64	64	66	97.0
Ind., Ill., Ky.	2,106	1,941	1,978	2,210	89.5
Minn., Wis., Daks.	305	294	294	322	91.3
Okla., Kans., Mo.	725	652	666	726	91.7
DISTRICT 2 TOTAL	3,204	2,951	3,002	3,324	90.3
Inland Texas	550	479	495	568	87.1
Texas Gulf Coast	3,417	3,016	3,068	3,738	82.1
La. Gulf Coast	2,441	2,313	2,333	2,578	90.5
N. La. and Ark.	180	177	185	258	71.7
New Mexico	62	57	62	79	78.5
DISTRICT 3 TOTAL	6,650	6,042	6,143	7,221	85.1
DISTRICT 4 TOTAL	454	436	440	527	83.5
DISTRICT 5 TOTAL	2,345	2,330	2,333	3,068	76.0
TOTAL U.S.	14,090	12,976	13,146	15,594	84.3
TOTAL U.S.					
Weeks Ended:					
DEC. 12, 1986	13,826	12,742	12,907	15,594	82.8
DEC. 20, 1985	13,981	12,608	12,790	15,638	81.8
DISTRICTS 1-4					
Weeks Ended:					
DEC. 19, 1986	11,745	10,646	10,813	12,526	86.3
DEC. 12, 1986	11,473	10,463	10,586	12,526	84.5
DEC. 20, 1985	11,598	10,357	10,539	12,623	83.5

API WEEKLY STATISTICAL BULLETIN
Week Ended December 19, 1986

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil
East Coast	747	153	594	24	86	261	161
Appal. No. 1	29	8	21	--	--	27	11
DISTRICT 1 TOTAL	776	161	615	24	86	288	172
Appal. No. 2	31	11	20	--	3	16	2
Ind., Ill., Ky.	1,190	270	920	6	130	456	89
Minn., Wis., Daks.	143	43	100	3	9	77	14
Okla., Kans., Mo.	469	173	296	6	40	185	12
DISTRICT 2 TOTAL	1,833	497	1,336	15	182	734	117
Inland Texas	288	126	162	32	33	113	29
Texas Gulf Coast	1,634	483	1,151	42	260	799	142
La. Gulf Coast	1,185	373	812	15	317	612	175
N. La. and Ark.	55	15	40	4	2	53	9
New Mexico	38	17	21	8	1	13	--
DISTRICT 3 TOTAL	3,200	1,014	2,186	101	613	1,590	355
DISTRICT 4 TOTAL	239	93	146	12	33	96	12
DISTRICT 5 TOTAL	1,079	304	775	39	313*	387	369*
TOTAL U.S.	7,127	2,069	5,058	191	1,227	3,095	1,025
TOTAL U.S. Weeks Ended:							
DEC. 12, 1986	6,786	1,914	4,872	214	1,152*	2,908	1,007*
DEC. 20, 1985	6,591	2,125	4,466	190	1,007	3,035	981
DISTRICTS 1-4 Weeks Ended:							
DEC. 19, 1986	6,048	1,765	4,283	152	914	2,708	656
DEC. 12, 1986	5,727	1,627	4,100	185	850	2,523	584
DEC. 20, 1985	5,554	1,764	3,790	134	747	2,632	600

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2]Includes Grade No. 4 fuel oil.

* See Revisions on Page 7.

NA-Not Available

API WEEKLY STATISTICAL BULLETIN
Week Ended December 19, 1986

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	4,380	1,162	3,217	1	71	518	10,055	1,116	--
Central Atlantic	28,307	7,029	16,840	4,438	515	5,581	43,704	15,958	12,193
Lower Atlantic	32,945	10,030	22,534	381	679	5,031	16,859*	4,202	595
DISTRICT 1 TOTAL	65,632	18,221	42,591	4,820	1,265	11,130	70,618*	21,276	12,788
DISTRICT 2 TOTAL	61,491	21,057	32,641	7,793	862	8,629	34,269*	2,907	14,262
DISTRICT 3 TOTAL	65,238*	15,953	34,118*	15,167	2,502	15,009*	34,059*	10,613*	47,900*
DISTRICT 4 TOTAL	6,756	2,351	2,606	1,799	498	668	2,860	388	1,933
DISTRICT 5 TOTAL	28,776*	7,986	13,631*	7,159*	1,941	6,298	10,633	9,349*	20,173*
TOTAL U.S.	227,893	65,568	125,587	36,738	7,068	41,734	152,439	44,533	97,056
TOTAL U.S.									
Weeks Ended:									
DEC. 12, 1986	228,475*	65,773	124,038*	38,664*	7,180	42,638*	153,426*	44,601*	99,441*
DEC. 20, 1985	221,697	76,326	110,385	34,986	6,478	36,363	140,966	46,774	111,626
DISTRICTS 1-4									
Weeks Ended:									
DEC. 19, 1986	199,117	57,582	111,956	29,579	5,127	35,436	141,806	35,184	76,883
DEC. 12, 1986	198,633*	57,702	109,955*	30,976	5,191	36,413*	142,354*	35,467*	78,804*
DEC. 20, 1985	194,845	67,391	98,832	28,622	4,809	31,596	129,397	37,016	88,305

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2]Includes Grade No. 4 fuel oil.

* See Revisions on Page 7.

NA-Not Available

WEEKLY STATISTICAL BULLETIN
Week Ended December 19, 1986

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy July 1986	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
	Daily Average				
DISTRICTS 1-4 TOTAL					
DEC. 19, 1986	5,437.3	5,601.0	4,097	553	263,445
DEC. 12, 1986	5,437.3	--	4,971*	567*	267,311
DEC. 5, 1986	5,448.3	--	4,010	584	266,896
NOV. 28, 1986	5,448.3	--	3,342	508	267,957
DISTRICT 5 TOTAL					
DEC. 19, 1986	2,973.7	3,018.0	56	--	77,853 ♦
DEC. 12, 1986	2,973.7	--	71	13	78,566
DEC. 5, 1986	3,010.3	--	290	--	75,125
NOV. 28, 1986	3,010.3	--	49	35	78,407
TOTAL U.S.					
DEC. 19, 1986	8,411.0	8,619.0	4,153	553	341,298 ♦
DEC. 12, 1986	8,411.0	--	5,042*	580*	345,877
DEC. 5, 1986	8,458.6	--	4,300	584	342,021
NOV. 28, 1986	8,458.6	--	3,391	543	346,364
DEC. 20, 1985	9,030.0 a/	--	3,309	512	320,566

♦INCLUDES 26,964 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

a/ DOE actual for December 1985.

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1-4	District 5	Total U.S.
Weeks Ended:							
DEC. 19, 1986	13,654	77,592	160,173	12,026	263,445	77,853 ♦	341,298 ♦
DEC. 12, 1986	15,828	77,353	162,316	11,814	267,311	78,566	345,877
DEC. 20, 1985	13,753	67,630	149,658	11,607	242,648	77,918	320,566

[1]See definitional notes, Page 6.

* See Revisions on Page 7.

API WEEKLY STATISTICAL BULLETIN
Week Ended December 19, 1986

IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

	Total Motor Gasoline[1]	Motor Gasoline Finished Leaded	Motor Gasoline Finished Unleaded	Gasoline[2] Blending Components	Jet Fuel Naphtha Type	Jet Fuel Kerosine Type	Distillate Fuel Oil[3]	Residual Fuel Oil	L.P.G.	Unfinished Oil	Other	Total
New England	--	--	--	--	--	--	212	--	3	--	--	215
Central Atlantic	193	62	131	42	8	18	251	618	65	48	17	1,260
Lower Atlantic	48	8	40	--	--	--	19	172	--	--	7	246
DISTRICT 1 TOTAL												
DEC. 19, 1986	241	70	171	42	8	18	482	790	68	48	24	1,721
DEC. 12, 1986	260	3	257	59	--	43	61	718	20	59	25	1,245
DEC. 5, 1986	243	24	219	42	8	8	231	802	68	60	51	1,513
NOV. 28, 1986	94	--	94	56	8	39	279	498	50	48	49	1,121
DISTRICTS 2-4 TOTAL												
DEC. 19, 1986	13	1	12	9	--	1	29	30	185	50	133	450
DEC. 12, 1986	14	--	14	9	--	5	4	28	151	61	150	422
DEC. 5, 1986	12	1	11	10	--	1	15	35	245	63	166	547
NOV. 28, 1986	7	--	7	10	--	39	12	26	217	50	237	598
DISTRICT 5 TOTAL												
DEC. 19, 1986	30	8	22	15	--	1	12	39	5	2	--	104
DEC. 12, 1986	33	1	32	15	--	5	1	36	6	1	--	97
DEC. 5, 1986	29	5	24	16	--	3	6	43	6	2	--	105
NOV. 28, 1986	16	--	16	16	--	41	5	34	8	2	--	122
TOTAL U.S.	284	79	205	66	8	20	523	859	258	100	157	2,275
TOTAL U.S. Weeks Ended:												
DEC. 12, 1986	307	4	303	83	--	53	66	782	177	121	175	1,764
DEC. 5, 1986	284	30	254	68	8	12	252	880	319	125	217	2,165
NOV. 28, 1986	117	--	117	82	8	119	296	558	275	100	286	1,841
DEC. 20, 1985	388	117	271	N/A	--	26	451	824	180	440	140	2,449

[1] Total motor gasoline imports is equal to the sum of finished imports and finished unleaded imports.

[2] Gasoline blending component imports are not included in total motor gasoline imports.

[3] Includes Grade No. 4 fuel oil.

NA-Not Available

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the components stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subsequent date as more current information is received.

Crude Oil Imports

Crude oil (includes lease condensate) produced outside the 50 states. Material from the Athabasca tar sands is included.
Reported on a Port of Entry basis.
The Total of crude oil imports includes those from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

API STATISTICAL BULLETIN
WEEK ENDED: DEC. 19, 1986

REVISIONS

12/12/86	PAGE 2	KEROSINE JET	DISTRICT 5 TOTAL	302
			TOTAL U.S.	1,152
		RESIDUAL FUEL	DISTRICT 5 TOTAL	423
			TOTAL U.S.	1,007
	PAGE 3	TOTAL MGAS	DISTRICT 3 TOTAL	65,732
			DISTRICT 5 TOTAL	29,842
			TOTAL U.S.	228,475
			DISTRICTS 1-4	198,633
		UNLEADED MGAS	DISTRICT 3 TOTAL	33,502
			DISTRICT 5 TOTAL	14,083
			TOTAL U.S.	124,038
			DISTRICTS 1-4	109,955
		BLENDING COMPS	DISTRICT 5 TOTAL	7,688
			TOTAL U.S.	38,664
		KEROSINE JET	DISTRICT 3 TOTAL	15,684
			TOTAL U.S.	42,638
			DISTRICTS 1-4	36,413
		DISTILLATE FUEL	LOWER ATLANTIC	17,244
			DISTRICT 1 TOTAL	69,772
			DISTRICT 2 TOTAL	34,287
			DISTRICT 3 TOTAL	35,506
			TOTAL U.S.	153,426
			DISTRICTS 1-4	142,354
		RESIDUAL FUEL	DISTRICT 3 TOTAL	10,381
			DISTRICT 5 TOTAL	9,134
			TOTAL U.S.	44,601
			DISTRICTS 1-4	35,467
		UNFINISHED OILS	DISTRICT 3 TOTAL	49,404
			DISTRICT 5 TOTAL	20,637
			TOTAL U.S.	99,441
			DISTRICTS 1-4	78,804
	PAGE 4 T	TOTAL CRUDE OIL IMPORTS	DISTRICTS 1-4 TOTAL	4,971
			TOTAL U.S.	5,042
		CANADIAN CRUDE OIL	DISTRICTS 1-4 TOTAL	567
			TOTAL U.S.	580